| ns |
|----|
|    |

| Application No. | Applicant(s)   |  |
|-----------------|----------------|--|
| 09/736,138      | GOODROE ET AL. |  |
| Examiner        | Art Unit       |  |
| Natalie A. Pass | 3626           |  |

| √ | Rejected | 1 |  |
|---|----------|---|--|
| = | Allowed  | ÷ |  |

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| Z | Non-Elected  | / |
|---|--------------|---|
| ı | Interference | ( |

| A | Appeal   |
|---|----------|
| 0 | Objected |

|               |  |  |               |  | -        |          | ,  |  |          | _               |
|---------------|--|--|---------------|--|----------|----------|--|--|----------|-----------------|
| Cla           | Date                                   |  |               |  |          |          |  |  |          |                 |
| Final         | Original                               | 11/12/04                                 |               |  |          |          |  |  |          |                 |
|               | 1<br>2<br>3                            | ファ |               |  |          |          | <u> </u>   | $\vdash$   | H        | Н               |
|               | 2                                      | ₹  | Г             |  |          |          | Г  | П  | Г        | П               |
|               | 3                                      | 1  |               | Г  |          | $\top$   | Τ  |  | T        | П               |
|               | 4                                      | 1  |               | 1  |          | T        | T  |  | t        | П               |
|               | <b>4</b> 5                             | Ī  | ┢             | <del>                                     </del> |          |          | <del>                                     </del> |  | ┢        | Н               |
|               | 6                                      | Ì  | H             | H  | ╁        | $\vdash$ | ┢  | $\vdash$   | $\vdash$ | Н               |
|               | 7                                      | ij                                       | -             | ┢  | ┢        | ┢        | ╁  | ┼  | $\vdash$ | Н               |
|               |  | 1  | -             | <del> </del>                                     | H        | ┢        | ┢╌   | $\vdash$   | ⊢        | ╁╌┤             |
|               | 8<br>9                                 | 1  | $\vdash$      | $\vdash$   | ⊢        | ├        | ╁  | ┢  | H        | -               |
|               | 10                                     | 1  | -             | ⊢  | -        | -        | ├  | ├  | ⊢        | ╌┤              |
|               | 10                                     | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \    | _             |  |          | ├        | ⊢  | ⊢  | ⊢        | $\vdash$        |
|               | 11                                     | <del>   </del>                           | ├-            | -  | ⊢        | ├        | ├  | ┢  | -        | Н               |
|               | 12                                     | Ÿ  | _             | -  | ⊢        | ⊢        | ⊢  | ├  | <u> </u> | Н               |
|               | 13                                     | V  | _             | ļ  | L        | ┡        | ļ  | <u> </u>   | _        | Ш               |
|               | 14                                     | Y  |               | igspace  | <u> </u> | ┞        | ├  | ╙  | _        | Ш               |
|               | 15                                     | ٧  |               | <u> </u>   | _        | ┞-       | L.   | ╙  | ┕        | Ш               |
|               | 11<br>12<br>13<br>14<br>15<br>16<br>17 | ١  |               | <u> </u>   | L        | <u> </u> | <u> </u>   | L  | ļ        | Ш               |
|               | 17                                     | 1  |               | L  | L        | L        | <u> </u>   | ╙  | ╙        | Ш               |
|               | 18<br>19                               | 1  |               | L  |          | L        |  | <u> </u>   |          | Ш               |
|               | 19                                     | 1  |               |  |          | L        |  |  |          |                 |
|               | 20                                     | 1  |               |  |          |          |  | L  |          |                 |
|               | 21                                     | 1  |               |  |          | Ι        |  |  |          |                 |
|               | 22                                     | ٧  |               |  |          | П        | П  |  |          |                 |
|               | 23<br>24                               | ٧  |               |  |          |          |  |  |          | П               |
|               | 24                                     |  |               |  |          |          |  |  | Г        | П               |
|               | 25                                     |  |               |  |          |          |  |  |          | $\Box$          |
|               | 26<br>27                               |  | $\overline{}$ |  |          |          |  |  |          | П               |
|               | 27                                     |  |               |  |          |          |  | Γ  |          | П               |
|               | 28                                     |  |               |  |          |          |  |  |          | П               |
|               | 29                                     |  |               |  |          |          |  |  |          | П               |
|               | 30                                     |  |               |  |          |          |  |  |          | П               |
|               | 31                                     |  |               |  | Г        |          |  |  | T        | П               |
|               | 31<br>32                               | ·  |               |  |          | $\vdash$ |  |  | ┪        | Н               |
|               | 33                                     |  |               | Г  |          |          | <del>                                     </del> | $\vdash$   | H        | Н               |
|               | 34                                     | Н  |               | <u> </u>   | $\vdash$ |          | -  | $\vdash$   |          | Н               |
|               | 34<br>35                               | $\neg$                                   |               | $\vdash$   | ┢        | $\vdash$ | $\vdash$   | -  | _        | Н               |
| $\neg$        | 36                                     |  |               |  | -        | $\vdash$ |  | $\vdash$   | $\vdash$ | H               |
|               | 37                                     | Н  |               | H  | 1        | $\vdash$ |  | $\vdash$   | $\vdash$ | Н               |
|               | 38                                     | $\vdash$                                 |               | $\vdash$   | $\vdash$ | $\vdash$ | $\vdash$   | $\vdash$   | $\vdash$ | Н               |
|               | 39                                     | $\vdash$                                 |               | $\vdash$   | -        | Ι-       | $\vdash$   | <del>                                     </del> | $\vdash$ | Н               |
| <del>  </del> | 40                                     | $\vdash$                                 |               | H  | _        | -        | $\vdash$   | $\vdash$   |          | $\dashv$        |
| -             | 41                                     | -  |               | $\vdash$   | $\vdash$ | ┝        | ┢─   |  |          | Н               |
|               | 42                                     | $\dashv$                                 | _             | H  | _        | $\vdash$ | $\vdash$   | $\vdash$   | Н        | Н               |
|               | 43                                     | $\vdash$                                 |               | $\vdash$   | -        | $\vdash$ | <del> </del>                                     | ┝  | Н        | Н               |
|               | 44                                     | $\vdash$                                 | _             | -  | -        | $\vdash$ | <del> </del>                                     | $\vdash$   | Н        | Н               |
|               | 45                                     | $\vdash$                                 |               | $\vdash$   | H        | -        | <u> </u>   | <b>-</b>   | Н        | $\vdash \vdash$ |
|               | 45                                     |  |               |  |          |          | $\vdash$   | $\vdash$   | -        | Н               |
|               | 46                                     |  |               |  |          | H        | H  |  |          | Н               |
|               | 47                                     |  | _             |  |          | $\vdash$ | $\vdash$   | $\vdash$   | Ш        | Щ               |
|               | 48                                     |  | _             |  |          | $\sqcup$ | <u> </u>   | $\vdash$   | Щ        | Щ               |
|               | 49                                     |  |               | Щ  |          | L.       | Щ  | Ш  | Ш        | Щ               |
| - 1           | 50                                     |  |               |  |          |          |  |  |          | }               |

| Cla             | aim            | L               | <b>,</b>  |              | t  | Date              | <u>e</u>  |           |                 |              |
|-----------------|----------------|-----------------|---|--------------|--|-------------------|-----------|-----------|-----------------|--------------|
| Final           | Original       |                 |   |              |  |                   |           |           |                 |              |
|                 | 51             | 匚               | 二   | 二            |  |                   |           | 二         |                 |              |
| <u> </u>        | 52<br>53       | ┞               | ╙   | ↓            | igspace  | igspace           | <b>Ļ</b>  | ┞         | ↓_              | ┞            |
| <u> </u>        | 53             | <u> </u>        | 辶   | ↓            | <u> </u>   | $ldsymbol{f eta}$ | ldash     | 辶         | <u> </u>        | _            |
| <u></u>         | 54             | <b>↓</b> _      | ــــ  | igspace      | igspace  | igspace           | igspace   | Ļ         | <del> </del>    | Ļ            |
| <u> </u>        | 55             | ↓_              | 辶   | <u> </u>     | <u> </u>   | $ldsymbol{f eta}$ | <u> </u>  | 匚         | igspace         | Ļ            |
|                 | 56             | <u> </u>        | ↓_  | ₽            | igspace  | igspace           | <u> </u>  | ┞         | igspace         | Ļ            |
| <u> </u>        | 57             | ┞               | ₩   | ₩            | $\vdash$   | ├_                | <u> </u>  | Ь—        | $\vdash$        | <u> </u>     |
| <u> </u>        | 58<br>59       | ⊢               | $\vdash$  | ₩            | igspace  | igspace           | ⊢         | ⊢         |                 | <del> </del> |
| <u> </u>        | 60             | ├-              | ₩   | ₩            | ₽  | ┞                 | ▙         | ╀         | $\vdash$        | ⊢            |
|                 | 61             | ├               | ├   | ├            | $\vdash$   | $\vdash$          | ⊢         | ⊢         | ₩               | $\vdash$     |
| <del></del>     | 62             | ├               | ⊢   | $\vdash$     | $\vdash$   | ├─                | ⊢         | ├         | ├-              | $\vdash$     |
|                 | 63             | ├               | $\vdash$  | $\vdash$     | $\vdash$   |                   | ⊢         | ├         | <del> </del>    | ├            |
|                 | 64             | ├               | ╀   | $\vdash$     | $\vdash$   | ├─                | H         | ⊢         | ┼─              | ╁            |
|                 | 65             | $\vdash$        | ⊢   | <del> </del> |  | ├─                | $\vdash$  | ⊢         | $\vdash$        | $\vdash$     |
| -               | 66             | ┢               | ╁   | -            | $\vdash$   | $\vdash$          | H         | ⊢         | H               | ⊢            |
| -               | 67             | $\vdash$        | ╁   | <del> </del> | $\vdash$   | Н                 | $\vdash$  | $\vdash$  | -               | $\vdash$     |
| <b>—</b>        | 68             | $\vdash$        | <del>  -</del>  | $\vdash$     | $\vdash$   | $\vdash \vdash$   |           | ┢         | H               | ┢            |
|                 | 69             | $\vdash$        | <del> </del>  | $\vdash$     | ┝╌   | -                 | $\vdash$  | $\vdash$  | H               | ┝            |
| <b> </b>        | 70             | $\vdash$        | -   | $\vdash$     | $\vdash \vdash$                                  | -                 | $\vdash$  | $\vdash$  | $\vdash$        | $\vdash$     |
|                 | 71             | r               | $\vdash$  | $\vdash$     | <del>                                     </del> | Н                 | $\vdash$  | $\vdash$  | $\vdash$        | $\vdash$     |
| $\vdash$        | 72             | $\vdash$        | $\vdash$  | $\vdash$     | $\vdash$   | $\vdash$          | М         | $\vdash$  | H               | $\vdash$     |
|                 | 71<br>72<br>73 | H               | 一   | $\vdash$     | $\vdash$   | Н                 | H         | 一         | $\vdash$        | $\vdash$     |
|                 | 74             | 一               | <del>                                     </del>  |              | Н  | М                 | $\vdash$  | H         | $\vdash$        | $\vdash$     |
|                 | 74<br>75       |                 | <u> </u>  |              | $\Box$   | М                 |           | $\vdash$  | $\Box$          |              |
|                 | l 76           |                 |   |              |  |                   |           |           |                 |              |
|                 | 77<br>78       | 匚               |   |              |  |                   |           |           |                 | 匚            |
|                 | 78             |                 | 匚   |              |  |                   |           |           |                 | 匸            |
|                 | 79             |                 | ᆫ   |              |  |                   |           |           |                 |              |
|                 | 80             |                 |   |              |  |                   |           |           |                 |              |
|                 | 81             |                 |   |              |  |                   |           |           |                 |              |
|                 | 82             |                 | ᆫ   |              |  |                   |           |           |                 |              |
|                 | 83             |                 |   |              |  |                   |           |           |                 |              |
|                 | 84             |                 |   |              |  |                   |           |           |                 |              |
|                 | 85             |                 |   |              |  | لِــا             | ل         |           |                 | Ĺ            |
| <u></u>         | 86             | Ш               |   |              | Ш  | لِــا             | ال        |           |                 | Ĺ            |
|                 | 87             |                 |   | Ш            | Ц  | Щ                 | Ц         |           | Ц               | Ĺ            |
| <u></u>         | 88             | Ш               | $ldsymbol{ld}}}}}}}}}$ | Ш            | Щ  | Ш                 | Ш         | Ш         | Щ               | <u></u>      |
|                 | 89             | Ш               | Ш   | Ш            | Щ  | Щ                 |           | $\square$ | Щ               | Ĺ            |
|                 | 90             | $\sqcup$        |   | Ш            | Щ  | $\square$         | Щ         | Ш         | Щ               | L.           |
|                 | 91             | Ш               | $\sqcup$  | Ш            | Щ  | $\vdash$          | Щ         | Ш         | $\vdash$        | <u> </u>     |
| $\vdash$        | 92             | Щ               | <u> </u>  | Щ            | $\vdash$   | $\vdash$          | Щ         | Щ         | Ш               | <u> </u>     |
| $\vdash$        | 93<br>94       | Ш               | $\vdash$  | $\vdash$     | $\vdash$   | $\dashv$          | $\vdash$  | Щ         | Щ               | <u> </u>     |
| $\vdash$        |                | <b> </b>        | $\vdash$  | Щ            | $\vdash$   | $\vdash$          | $\square$ | Щ         | Щ               | <u> </u>     |
| $\vdash$        | 95             | Щ               | $\vdash\vdash$  | Щ            | $\vdash$   | $\vdash$          |           | Щ         | $\vdash$        | <b>—</b>     |
| $\vdash \vdash$ | 96             | $\vdash \vdash$ | Ш   | $\vdash$     | $\vdash \vdash$                                  |                   | $\dashv$  | Ш         | $\vdash \vdash$ |              |
|                 | 97             | $\vdash$        | $\vdash$  | $\vdash$     | Щ  | $\vdash$          | $\dashv$  | $\vdash$  | $\vdash$        | <u>—</u>     |
| -               | 98             | $\vdash$        | $\vdash \vdash$   | $\vdash$     | $\vdash$   | $\dashv$          | -         | -         | $\vdash$        |              |
| $\vdash$        | 99<br>100      |                 | $\vdash$  | $\vdash$     | $\vdash$   |                   | $\dashv$  | $\dashv$  | Щ               | —            |
| 1 ,             | יטטו           |                 | 1 1   | ( I          | ( I  | . 1               | . 1       |           | 1 1             | ı            |

| Cla   | Date   |          |          |              |          |            |  |              |   |          |
|-------|--|----------|----------|--------------|----------|------------|--|--------------|---|----------|
|       |  |          |          |              |          |            |  |              |   |          |
| Final | Original   |          |          |              |          |            |  |              |   |          |
|       | 101<br>102   |          |          |              |          |            |  |              |   |          |
|       | 102  |          |          |              |          |            |  |              |   |          |
|       | 103  |          | _        |              |          | <u> </u>   |  |              | L   | Ш        |
| L     | 104  |          |          |              |          |            | <u> </u>   | L            | $oldsymbol{ol}}}}}}}}}}}}}}}}}$ | Ш        |
|       | 105<br>106   | <u> </u> | <u> </u> | ┞            | <u> </u> | <u> </u>   | <u> </u>   | _            | _   | Ш        |
|       | 106  | ┡        | <u> </u> | ┡            | ┡        | ┡          | <u> </u>   | _            | _   | Щ        |
| -     | 107  | <u> </u> | -        | ⊢            | ⊢        | ├          | ⊢  | ├_           | _   | Н        |
| -     | 108<br>109   |          |          |              | -        | <u> </u>   | ├  | ⊢            | <u> </u>  | Н        |
|       | 110  |          | $\vdash$ | $\vdash$     | -        | ⊢          | ┢  | ⊢            | $\vdash$  | Н        |
|       | 111  |          | ┢        | ┢            | -        | $\vdash$   | $\vdash$   | ├            | $\vdash$  | Н        |
|       | 112  |          | H        | $\vdash$     | -        | $\vdash$   | 一  | $\vdash$     | $\vdash$  | Н        |
|       | 113  |          |          |              |          |            | $\vdash$   | 1            |   | Н        |
|       | 114<br>115   |          |          | $\vdash$     | $\vdash$ | $\vdash$   | <del>                                     </del> |              |   |          |
|       | 115  |          |          |              |          |            |  |              |   |          |
|       | 116<br>117<br>118                                    |          |          |              |          |            |  |              |   |          |
|       | 117  |          |          |              |          |            |  |              |   |          |
|       | 118  |          | L        |              | L        | L          |  |              |   |          |
|       | 119<br>120<br>121<br>122<br>123<br>124<br>125<br>126 |          | L        | L            | L.       | L          | L  | <u>_</u>     |   |          |
|       | 120  |          | <u> </u> | <u> </u>     | <u> </u> |            | L  | _            | L   | Ш        |
|       | 121  | <u> </u> | <u> </u> | _            |          | _          |  | _            |   | Щ        |
|       | 122  |          | <u> </u> | ⊢            |          | <b> </b> - | ⊢  | _            | ┡   | Щ        |
|       | 123  | _        |          | <u> </u>     | <u> </u> | -          | ⊢  | ├-           | ├   | Н        |
|       | 125  | _        | -        | <del> </del> | ┝        | -          | -  |              | ├   | Н        |
|       | 126  |          | $\vdash$ | -            | ┢        | -          |  | $\vdash$     | -   | Н        |
|       | 127  | _        | $\vdash$ | -            | -        |            |  | <del> </del> | ┢   | Н        |
|       | 127<br>128<br>129<br>130<br>131                      | -        |          |              | $\vdash$ |            | _  |              |   | H        |
|       | 129  |          |          | Г            |          |            |  |              |   | П        |
|       | 130  |          |          |              |          |            |  |              |   | П        |
|       | 131  |          |          |              |          |            |  |              |   |          |
|       | 132  |          |          |              | _        |            |  |              |   |          |
|       | 133<br>134   | _        |          |              |          |            |  |              | _   | Ш        |
|       | 134  |          | _        |              |          | <u> </u>   | <u> </u>   | _            | _   | Щ        |
|       | 135<br>136   |          |          | _            |          | ┡          |  | <u> </u>     | _   | Н        |
|       | 137  | _        |          | -            | _        | ├          | -  | <u> </u>     | <u> </u>  | Щ        |
|       | 138  |          | _        | ┞            | $\vdash$ | ⊢          | -  | <u> </u>     | -   | H        |
|       | 138<br>139   |          | _        | $\vdash$     | _        | -          | -  | ├            | -   | $\dashv$ |
|       | 140  |          |          |              | _        | -          | -  |              |   | Н        |
|       | 141  | $\neg$   |          | $\vdash$     |          | $\vdash$   |  |              | Н   | $\dashv$ |
|       | 142  |          |          |              |          | Г          |  | Г            | Г   | П        |
| 1     | 143  |          |          |              |          |            |  |              |   | П        |
|       | 144  |          |          |              |          |            |  |              |   |          |
|       | 145  |          |          |              |          |            |  |              |   |          |
|       | 146  |          |          |              |          |            |  |              |   | П        |
|       | 147  |          |          | Ш            |          | L          |  | Ш            |   | Ц        |
|       | 148  | _        |          | Щ            |          | <u> </u>   | Щ  |              |   | Ц        |
|       | 149  | -4       |          | Ш            |          |            | Ш  | $\sqcup$     |   | Щ        |
|       | 150  |          |          |              |          |            | لبا  | لك           | لسا   | لــــا   |